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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	5
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*Complete if Known*

Application Number	09/819,874
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Filing Date	March 28, 2001
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First Named Inventor	David J. Corisis et al.
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Group Art Unit	2826
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Examiner Name	K. Quinto
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Attorney Docket Number	3770.3US (97-0332.3)
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## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>FL</i>		US-3,932,934	01/20/1976	Lynch et al.	
		US- 4,142,286	03/06/1979	Knuth et al.	
		US- 4,528,747	07/16/1985	Hoffman et al.	
		US- 5,688,127	11/18/1997	Staab et al.	
		US- 4,722,135	02/02/1988	Read	
		US- 4,733,462	03/29/1988	Kawatani	
		US- 4,810,154	03/07/1989	Klemmer et al.	
		US- 4,940,181	07/10/1990	Juskey, Jr. et al.	
		US- 4,975,079	12/04/1990	Beaman et al.	
		US- 4,985,107	01/15/1991	Conroy et al.	
		US- 5,006,792	04/09/1991	Maihi et al.	
		US- 5,034,802	07/23/1991	Liebes, Jr. et al.	
		US- 5,051,339	09/24/1991	Friedrich et al.	
		US- 5,051,813	09/24/1991	Schneider et al.	
		US- 5,056,216	10/15/1991	Madou et al.	
		US- 5,074,036	12/24/1991	Dunaway et al.	
		US- 5,155,905	10/20/1992	Miller, Jr.	
		US- 5,164,818	11/17/1992	Blum et al.	
		US- 5,189,507	02/23/1993	Carlomagno et al.	
<i>ZI</i>		US- 5,203,075	04/20/1993	Angulas et al.	

## FOREIGN PATENT DOCUMENTS

[illegible]

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K2		US- 5,255,431	10/26/1993	Burdick	
		US- 5,329,423	07/12/1994	Scholz	
		US- 5,337,219	08/09/1994	Carr et al.	
		US- 5,376,010	12/27/1994	Petersen	
		US- 5,400,220	03/21/1995	Swamy	
		US- 5,403,671	04/04/1995	Holzmann	
		US- 5,435,482	07/25/1995	Variot et al.	
		US- 5,435,732	07/25/1995	Angulas et al.	
		US- 5,442,852	08/22/1995	Danner	
		US- 5,446,960	09/05/1995	Isaacs et al.	
		US- 5,453,581	09/26/1995	Liebman et al.	
		US- 5,459,287	10/17/1995	Swamy	
		US- 5,463,191	10/31/1995	Bell et al.	
		US- 5,477,086	12/19/1995	Rostocker et al.	
		US- 5,477,933	12/26/1995	Nguyen	
		US- 5,526,974	06/18/1996	Gordon et al.	
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		US- 5,556,293	09/17/1996	Pfaff	
		US- 5,578,870	11/26/1996	Farnsworth et al.	
		US- 5,611,705	03/18/1997	Pfaff	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>5</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (if known)				

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First Named Inventor	David J. Corisis et al.
Group Art Unit	2826
Examiner Name	K. Quinto
Attorney Docket Number	3770.3US (97-0332.3)

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Examiner Name	K. Quinto
Attorney Docket Number	3770 31/S (97-0332 3)

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JK		PUTTLITZ et al., "C-4/CBGA Comparison with Other MLC Single Chip Package Alternatives," <u>IEEE Transactions on Components, Packaging, and Manufacturing Technology</u> , May 1995, pps. 250-256, Part B, Vol. 18, No. 2.	✓
JK		GOLDMANN, Lewis S., "Statistical Model for the Inherent Tilt of Flip-Chips," <u>Transactions of the ASME Journal of Electronic Packaging</u> , March 1996, pps. 16-20, Vol. 118.	
JK		NASIATKA et al., "Determination of Optimal Solder Volume for Precision Self-Alignment of BGA using Flip-Chip Bonding," pps. 6-9.	

Examiner  
Signature

Keith Quinto

Date  
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12/3/02 &amp; 12/9/02

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